



1731

#2

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of

PANDELISEV, KIRIL A.

Serial No. 09/881,092

Art Unit:

RECEIVED

Filed: June 15, 2001

Examiner

OCT 10 2001

For: PROCESS AND APPARATUS FOR PRODUCTION OF SILICA GRAIN
HAVING DESIRED PROPERTIES ...

TC 1700

INFORMATION DISCLOSURE STATEMENT

To the Director of the Patent and Trademark Office

Sir:

Under the provisions of 37 C.F.R. 1.56, 1.97 and 1.98,
applicant submits herewith copies of publications that the Patent
Office may wish to consider in examination of the subject
application. The publications are listed on the attached Form
PTO 1449 (modified).

Respectfully,

James C. Wray, Reg. No. 22,693
1493 Chain Bridge Road
Suite 300
McLean, Virginia 22101
Tel: (703) 442-4800
Fax: (703) 448-7397

October 5, 2001

FORM PTO 1449 (modified)

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICELIST OF REFERENCES CITED BY APPLICANT(S)
(Use several sheets if necessary)

Date Submitted to PTO:

ATTY DOCKET NO.

SERIAL NO.

09/881,092

APPLICANT
PANDELISEV, KIRIL

FILING DATE June 15, 2001

GROUP

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA	3,370,921	2/27/1968	Wagstaff			
	AB	3,576,932	4/27/1971	Biddulph			
	AC	3,619,440	11/9/1971	Gray			
	AD	3,620,702	11/16/1971	DeKalb et al.			
	AE	3,620,704	11/16/1971	Gray			
	AF	3,644,607	2/22/1972	Roques			
	AG	3,698,936	10/17/1972	Moltzan			
	AH	3,713,854	1/30/1973	Beall			
	AI	3,741,796	6/26/1973	Walker			
	AJ	3,784,386	1/8/1974	Araujo et al.			
	AK	3,806,570	4/23/1974	Flamenbaum et al.			
	AL	3,814,620	6/4/1974	Bailey et al.			
	AM	3,839,054	10/1/1974	Forker, Jr. et al.			

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO	
	AN	EPO249278	3/7/1990	Europe				
	AO	EPO265023	4/27/1988	Europe				

OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)

	AP	
	AQ	

EXAMINER

DATE CONSIDERED

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO 1449 (modified)

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICELIST OF REFERENCES CITED BY APPLICANT(S)
(Use several sheets if necessary)

Date Submitted to PTO:

ATTY DOCKET NO.

SERIAL NO.
09/881,092APPLICANT
PANDELISEV, KIRIL

FILING DATE June 15, 2001

GROUP

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA	3,848,152	11/12/1974	Schultz			
	AB	3,971,645	7/27/1976	Bachmann et al.			
	AC	4,033,780	7/5/1977	Baumgartner et al.			
	AD	4,059,658	11/22/1977	Shoup et al.			
	AE	4,090,055	5/16/1978	King			
	AF	4,112,032	9/5/1978	Blaszyk et al.			
	AG	4,125,389	11/14/1978	King			
	AH	4,157,253	6/5/1979	Hernqvist			
	AI	4,286,981	9/1/1981	Clasen et al.			
	AJ	Re. 30,883	3/16/1982	Rau et al.			
	AK	4,432,781	2/21/1984	Okamoto et al.			
	AL	4,437,727	3/20/1984	Treber			
	AM	4,523,939	6/18/1985	Jenkins et al.			

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO	
	AN	EP0318100	5/31/1989	Europe				
	AO	EP0448155	10/12/1984	Europe				

OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)

	AP	
	AQ	

EXAMINER

DATE CONSIDERED

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO 1449 (modified)

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICELIST OF REFERENCES CITED BY APPLICANT(S)
(Use several sheets if necessary)

Date Submitted to PTO:

ATTY DOCKET NO.

SERIAL NO.
09/881,092APPLICANT
PANDELISEV, KIRIL

RECEIVED

FILING DATE June 15, 2001

GROUP

OCT 10 2001

U.S. PATENT DOCUMENTS

TG 1700

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA	4,643,751	2/17/1987	Abe			
	AB	4,682,995	7/28/1987	Clasen			
	AC	4,684,385	8/4/1987	Clasen			
	AD	4,684,386	8/4/1987	Clasen			
	AE	4,684,387	8/4/1987	Clasen et al.			
	AF	4,689,066	8/25/1987	Clasen et al.			
	AG	4,726,828	2/23/1988	Clasen			
	AH	4,747,863	5/31/1988	Clasen et al.			
	AI	4,816,051	3/28/1989	Clasen et al.			
	AJ	4,826,521	5/2/1989	Wiechmann et al.			
	AK	4,848,998	7/18/1989	Snitzer et al.			
	AL	4,859,224	8/22/1989	Clasen			
	AM	4,866,857	9/19/1989	Clasen			

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO	
	AN	EP0529189	11/12/1996	Europe				
	AO	EP0546196	5/2/1997	Europe				

OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)

	AP	
	AQ	

EXAMINER

DATE CONSIDERED

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO 1449 (modified)

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICELIST OF REFERENCES CITED BY APPLICANT(S)
(Use several sheets if necessary)

Date Submitted to PTO:

ATTY DOCKET NO.

SERIAL NO.

09/881,092

APPLICANT
PANDELISEV, KIRIL

FILING DATE June 15, 2001

GROUP

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA	4,888,036	12/19/1989	Clasen			
	AB	4,923,497	5/8/1990	Leber et al.			
	AC	4,929,579	5/29/1990	Lassiter			
	AD	4,981,435	1/1/1991	Clasen et al.			
	AE	5,049,175	9/17/1991	Röss et al.			
	AF	5,090,980	2/25/1992	Clasen			
	AG	5,096,865	5/17/1992	Dunworth			
	AH	5,120,444	6/9/1992	Clasen			
	AI	5,152,819	10/6/1992	Blackwell et al.			
	AJ	5,171,343	12/15/1992	Leber et al.			
	AK	5,182,052	1/26/1993	Lydtin et al.			
	AL	5,248,638	9/28/1993	Elmer et al.			
	AM	5,256,855	10/26/1993	Heanley et al.			

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO	
	AN	EP0607433	7/27/1994	Europe				
	AO	EP0630866	7/14/1999	Europe				

OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)

	AP	
	AQ	

EXAMINER

DATE CONSIDERED

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO 1449 (modified)

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICELIST OF REFERENCES CITED BY APPLICANT(S)
(Use several sheets if necessary)

Date Submitted to PTO:

ATTY DOCKET NO.

SERIAL NO.
09/881,092APPLICANT
PANDELISEV, KIRIL

FILING DATE June 15, 2001

GROUP

RECEIVED
OCT 10 2001
TC 1700

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA	5,300,466	4/5/1994	Elmer et al.			
	AB	5,395,413	3/7/1995	Sempolinski et al.			
	AC	5,429,653	7/4/1995	Leber et al.			
	AD	5,522,007	5/28/1996	Drouart et al.			
	AE	5,616,159	4/1/1997	Araujo et al.			
	AF	5,637,284	6/10/1997	Sato et al.			
	AG	5,665,132	9/9/1997	Ruppert et al.			
	AH	5,665,139	9/9/1997	Ruppert et al.			
	AI	5,667,547	9/16/1997	Christiansen et al.			
	AJ	5,696,038	12/9/1997	Maxon			
	AK	5,698,484	12/16/1997	Maxon			
	AL	5,702,497	12/30/1997	Oh et al.			
	AM	5,736,206	4/7/1998	Englisch et al.			

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO	
	AN	EP0747327	3/17/1999	Europe				
	AO	EP0850890	7/1/1998	Europe				

OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)

	AP	
	AQ	

EXAMINER

DATE CONSIDERED

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO 1449 (modified)

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICELIST OF REFERENCES CITED BY APPLICANT(S)
(Use several sheets if necessary)

Date Submitted to PTO:

ATTY DOCKET NO.

SERIAL NO.
09/881,092APPLICANT
PANDELISEV, KIRIL

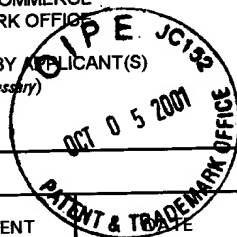
FILING DATE June 15, 2001

GROUP

RECEIVED

OCT 10 2001

TC 1700



U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA	5,738,702	4/14/1998	Ruppert et al.			
	AB	5,764,345	6/9/1998	Fladd et al.			
	AC	5,766,291	6/16/1998	Sato et al.			
	AD	5,769,921	6/23/1998	Yokokawa			
	AE	5,785,729	7/28/1998	Yokokawa et al.			
	AF	5,790,736	8/4/1998	Fabian			
	AG	5,837,024	11/17/1998	Fabian			
	AH	5,892,876	4/6/1999	Desurvire et al.			
	AI	5,896,222	4/20/1999	Rosplock et al.			
	AJ	5,897,681	4/27/1999	Lysson et al.			
	AK	5,931,984	8/3/1999	Drouart et al.			
	AL	5,942,296	8/24/1999	Oh et al.			
	AM	5,944,867	8/31/1999	Chesnoy et al.			

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO	
	AN	EP0867531	9/30/1998	Europe				
	AO	EP0870737	10/14/1998	Europe				

OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)

	AP	
	AQ	

EXAMINER

DATE CONSIDERED

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO 1449 (modified)

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICELIST OF REFERENCES CITED BY APPLICANT(S)
(Use several sheets if necessary)

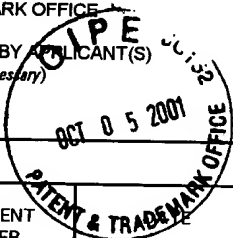
Date Submitted to PTO:

ATTY DOCKET NO.

SERIAL NO.
09/881,092APPLICANT
PANDELISEV, KIRIL

FILING DATE June 15, 2001

GROUP

RECEIVED
OCT 10 2001
TC 1700

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER		NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA	5,970,083	10/19/1999	Orcel et al.			
	AB	5,970,750	10/26/1999	Humbert et al.			
	AC	5,972,115	10/26/1999	Maurin et al.			
	AD	5,979,186	11/9/1999	Köppler et al.			
	AE	5,979,189	11/9/1999	Campion et al.			
	AF	5,993,899	11/30/1999	Robin et al.			
	AG	6,007,786	12/28/1999	Campion et al.			
	AH	6,026,207	2/15/2000	Reddy et al.			
	AI	6,047,564	4/11/2000	Schaper et al.			
	AJ	6,047,568	4/11/2000	Campion			
	AK	6,125,659	10/3/2000	Yang			
	AL	6,134,922	10/24/2000	Shimada et al.			
	AM	6,143,676	11/7/2000	Ohashi et al.			

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
	AN	EP0999189	5/10/2000	Europe			
	AO	WO97/10184	9/11/1996	World Organization			

OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)

	AP	
	AQ	

EXAMINER

DATE CONSIDERED

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO 1449 (modified)

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICELIST OF REFERENCES CITED BY APPLICANT(S)
(Use several sheets if necessary)

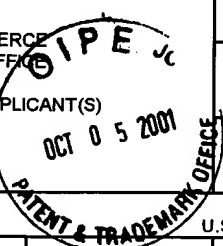
Date Submitted to PTO:

ATTY DOCKET NO.

SERIAL NO.
09/881,092APPLICANT
PANDELISEV, KIRIL

FILING DATE June 15, 2001

GROUP

RECEIVED
OCT 10 2001
TC 1700

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA	6,145,344	11/14/2000	Oyamada et al.			
	AB	6,269,663	8/7/2001	Drouart et al.			
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						
	AL						
	AM						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
	AN	WO98/07053	2/19/1998	World Organization			
	AO	WO98/27140	6/25/1998	World Organization			

OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)

	AP	
	AQ	

EXAMINER

DATE CONSIDERED

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.